

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

ORDER NO. 85-101

WASTE DISCHARGE REQUIREMENTS FOR:

GENSTAR GAS RECOVERY SYSTEMS INC.
AND AMERICAN CANYON SANITARY LAND-FILL CO., INC.
AMERICAN CANYON GAS RECOVERY PROJECT
NAPA COUNTY

The Regional Water Quality Control Board, San Francisco Bay Region (hereinafter called the Board), finds that:

1. Genstar Gas Recovery Systems Inc. by application dated May 13, 1985, has applied for requirements to discharge landfill gas condensate into phase I of the American Canyon Sanitary Landfill. Genstar Gas Recovery Systems Inc. and American Canyon Sanitary Land-Fill Co., Inc. are hereinafter referred to as the discharger.
2. The project site (shown on Attachment A) is on phase I of the American Canyon Sanitary Landfill which is a Class III non-hazardous solid waste disposal site. This site is located on a marshland flood plain along the east bank of the Napa River off Eucalyptus Drive at Napa Junction.
3. The landfill gas condensate to be discharged is a byproduct of the landfill gas extraction process. It contains no chemical additives and consists only of water and contaminants removed from gas recovered at the American Canyon Sanitary Landfill.
4. Condensate is to be returned to the landfill in two ways:
1) actively at an average rate of 14.1 gallons per day (gpd) by pumping to condensate injection wells from the gas-to-electricity generating plant, and 2) passively at an average rate of 360 gpd by condensate traps placed at low points in the gas collection lines.
5. Waste disposal at the American Canyon Sanitary Landfill is currently regulated by Order No. 85-83.

6. The Board adopted a revised Water Quality Control Plan for the San Francisco Bay Basin (Basin Plan) on July 21, 1982. This Order implements the water quality objectives stated in the Basin Plan.
7. The beneficial uses of the Napa River in the vicinity of the site are:
 - a. Navigation
 - b. Contact and non-contact water recreation
 - c. Warm and cold fresh water habitat
 - d. Wildlife habitat
 - e. Preservation of rare and endangered species
 - f. Fish migration and spawning
8. This discharge is exempt from regulations governing waste disposal to land contained in Title 23, Chapter 3, Subchapter 15 (Subchapter 15) of the California Administrative Code under Section 2511(e) of those regulations.
9. The action to issue waste discharge requirements for a minor modification to land is exempt from the California Environmental Quality Act (Public Resources Section 2100 et seq.) in accordance with Section 15301 of the Public Resources Code.
10. The Board notified the discharger and interested agencies and persons of its intent to prescribe waste discharge requirements for the discharge and has provided them with an opportunity to submit their written views and recommendations.
11. The Board, in a public hearing held on September 18, 1985, heard and considered all comments pertaining to the discharge.

IT IS HEREBY ORDERED, that the discharger and any other persons that own the land or operate this site shall meet the provisions contained in Division 7 of the California Water Code and regulations adopted thereunder and shall comply with the following:

A. Prohibitions

1. The disposal of wastes shall not create a pollution or nuisance as defined in Sections 13050(1) and (m), respectively, of the California Water Code.

2. Condensate shall not be disposed of in any way which would allow discharge of the condensate into waters of the State or the United States.
3. Disposal of condensate shall not create any condition which does or could impair the effectiveness of the containment structures or features at the American Canyon Sanitary Landfill.

B. Specification

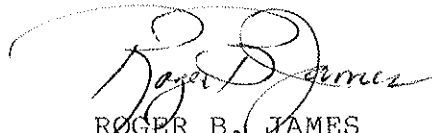
1. Condensate reinjection wells and condensate traps shall be located and constructed to conform with the details specified in the Report of Waste Discharge dated May 13, 1985.

C. Provisions

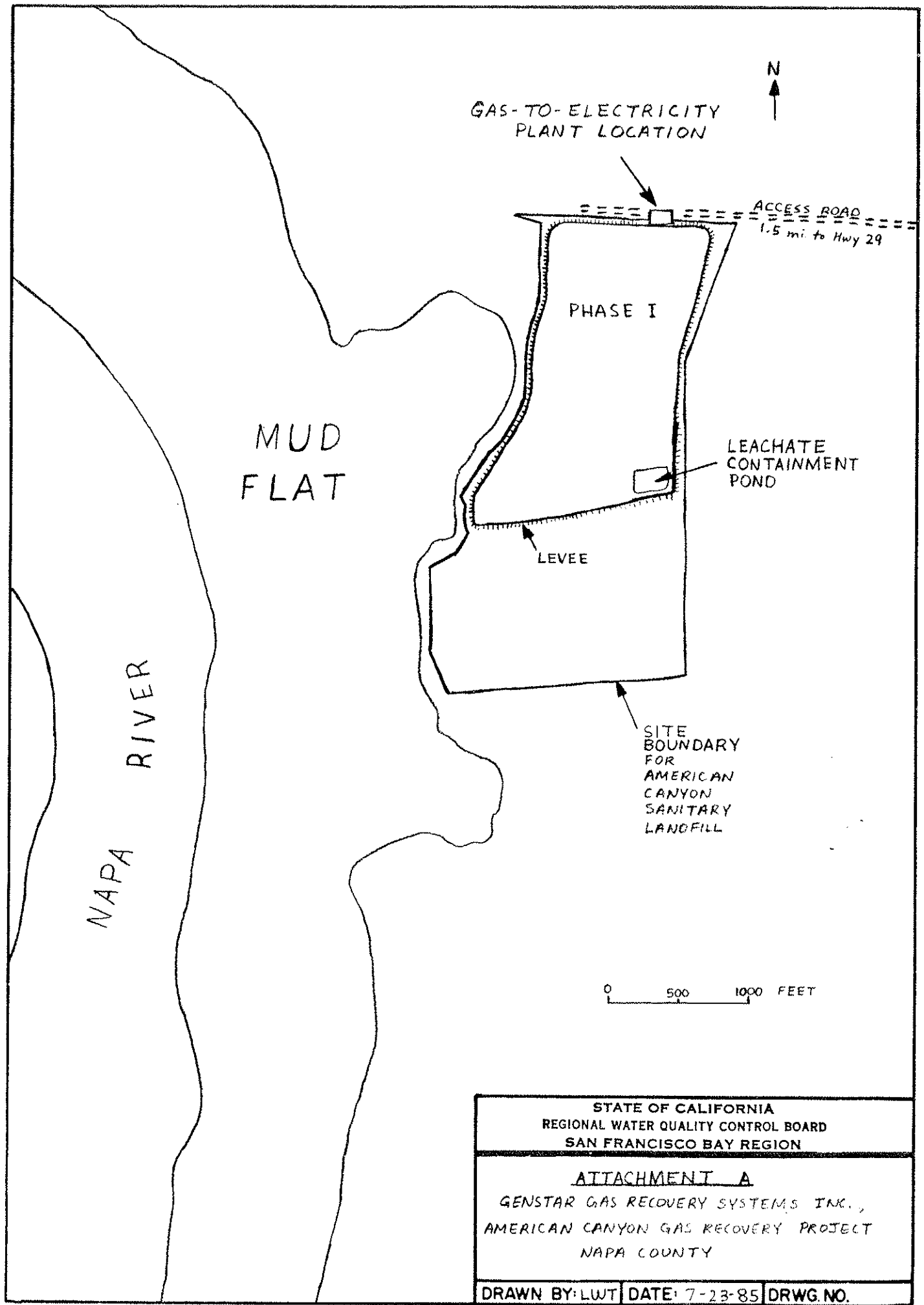
1. The discharger shall comply with this Order immediately upon commencement of operations.
2. The discharger shall remove and relocate any condensate which is discharged at this site in violation of these requirements.
3. The discharger shall file with this Board a report of any material change or proposed change in the character, location, or quantity of this waste discharge. For the purpose of these requirements, this includes any proposed change in the gas extraction system configuration, or the ownership of the American Canyon Gas Recovery Project.
4. The discharger shall maintain a copy of this Order at the site so as to be available at all times to site operating personnel.
5. This Board considers the discharger to have a continuing responsibility for correcting any problems which arise in the future as a result of this waste discharge or related operations.
6. The discharger shall permit the Regional Board:
 - a) Entry upon premises on which wastes are located or in which any required records are kept.

- b) Access to copy any records required to be kept under terms and conditions of this Order.
 - c) Inspection of equipment or records.
 - d) Sampling of any discharge.
7. These requirements do not authorize commission of any act causing injury to the property of another or of the public; do not convey any property rights; do not remove liability under federal, state, or local laws; and do not authorize the discharger of wastes without appropriate permits from other agencies or organizations.
8. Order No. 85-83, Prohibition A.5., is hereby amended to read "Wastes shall not be deposited in the Class III landfill unless they contain at least 50 percent solids, other than landfill gas condensate from the gas recovery system described in Order No 85-101."

I, Roger B. James, Executive Officer, do hereby certify the foregoing is a full, true, and correct copy of an order adopted by the California Regional Water Quality Control Board, San Francisco Bay Region, on September 18, 1985.


ROGER B. JAMES
Executive Officer

Attachment



STATE OF CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD SAN FRANCISCO BAY REGION		
<u>ATTACHMENT A</u> GENSTAR GAS RECOVERY SYSTEMS, INC., AMERICAN CANYON GAS RECOVERY PROJECT NAPA COUNTY		
DRAWN BY: LWT	DATE: 7-23-85	DRWG. NO.